

CS5704: Requirements Document (Homework 2)

Due Date

Class time, Tuesday, October 21, 2008

Type of Deliverable

This is a team deliverable. Each team should produce one requirements document.

Deliverable Content

Depending on the development methodology you have adopted, the document should include a description of envisioned requirements for the calendar management system. Depending on your development methodology, your document should include the following:

For RAD and Waterfall methodologies:

- A brief introduction (less than a page in length) to the project, including overview, scope, and the intended audience for the document (remember that would be technical team members in your case). This part of the document is mostly a consolidation of your previous deliverable.
- Behavioral description of the envisioned system. This should include operations of software as consequence to external events. [Hint: Think use cases]
- Functional description of the envisioned system. This should include functional, non-functional, and interface requirements. Make sure you organize these by some criterion. [Hint: Think relatedness of requirement sets to one another or a high-level architecture]
- Supporting documents to provide other information that captured by behavioral and functional descriptions. [Hint: Think prototypes, models, etc.]

For Agile methodologies (e.g. scrums):

- A brief introduction (less than a page in length) to the project, including overview, scope, and the intended audience for the document (remember that would include on-site customers and technical team members in your case). This part of the document is mostly a consolidation of your previous deliverable.
- The product backlog for the envisioned system. Even though in reality you get this from the customer, for this assignment go ahead and make them up by yourself. Each item in the backlog should have a priority, description of item, predicted cost to implement, an assigned owner for the feature, and any other relevant information.
- Projected sprint assignments. Divide the total product backlog list into three sprint backlogs, each lasting 12 days. Make sure you are realistic about

this and not overpromise. You can make changes to this plan but those changes cannot be too drastic.

- A detailed implementation plan for executing the three sprints. In this part you should include how you plan to divide the backlog items amongst your team members and how you plan to conduct your implementation.

Format of Deliverable

The following format is suggested for the deliverable:

- Title page with: name of project, group members, and a creative name for the group
- 1.5 spacing with minimum 11 point font
- Images integrated in the flow of the text, if necessary

Submitting the Deliverable

Please do the following:

- Email the GTA with a digital copy of your deliverable before due date
- Turn in a printed copy of your deliverable to instructor by the start of class (we suggest you get a folder to file all your deliverables once you get them back from the GTA and the instructor)

A Note about Grammar

We expect all deliverables to be well written. If grammatical mistakes in your deliverable interfere with our ability to get to the content, we will not grade it. We will return it to you to correct and potentially penalize you for it.